

Fig. 1

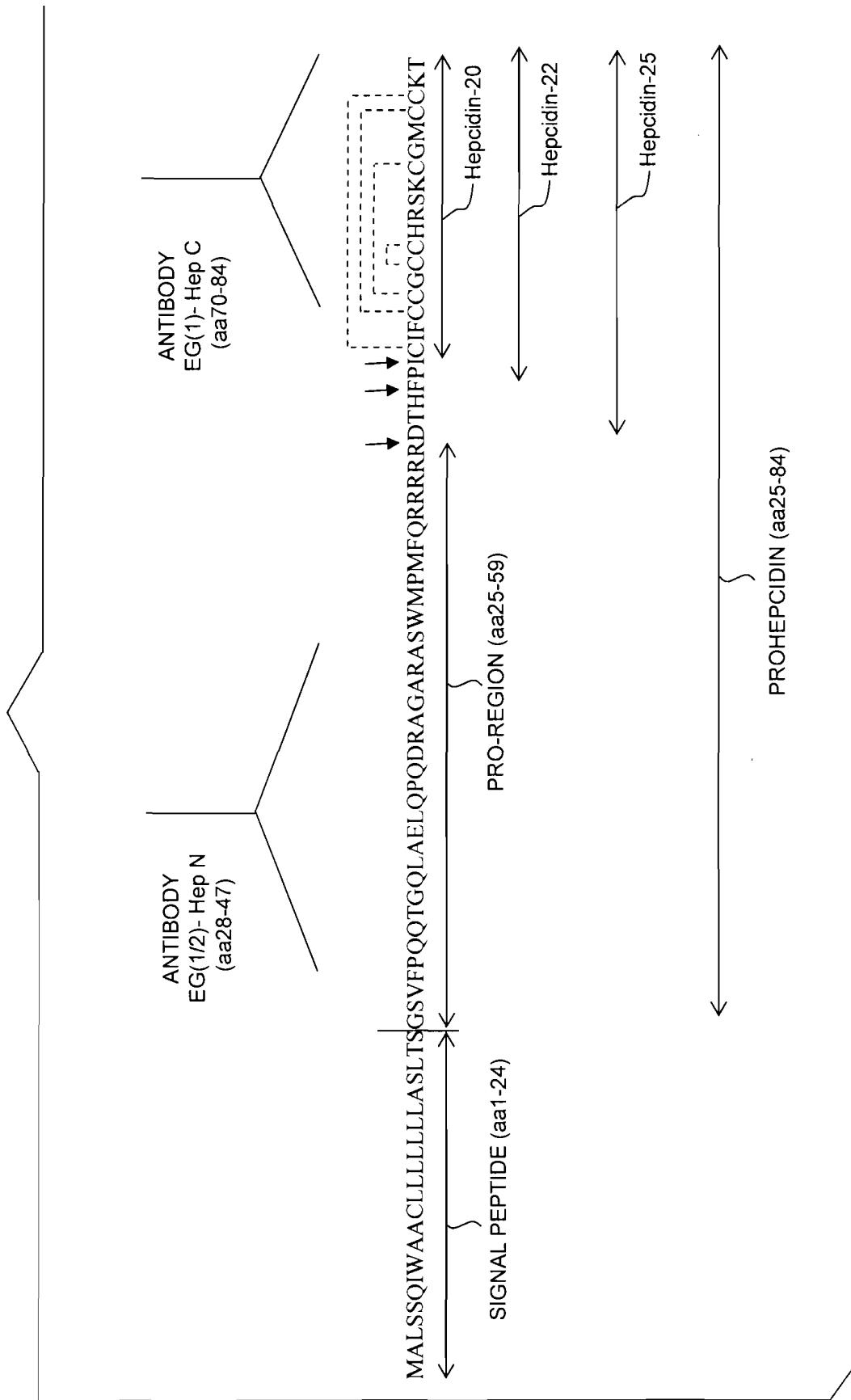


FIG. 2A

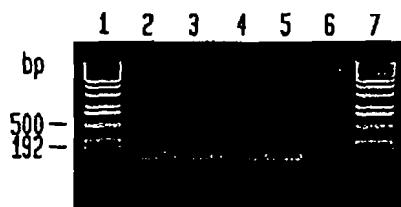


FIG. 2B

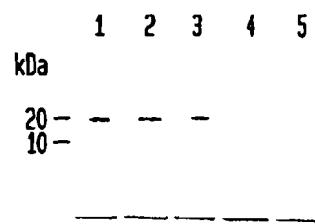


FIG. 2C

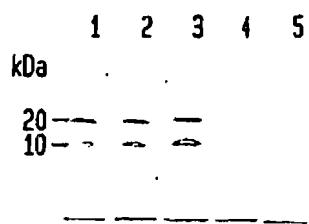


FIG. 2D

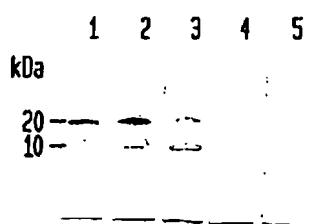


FIG. 3A



FIG. 3B



FIG. 3C

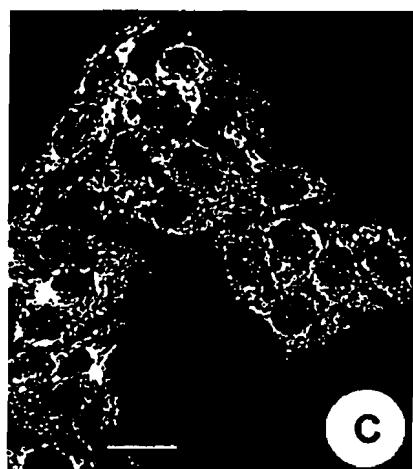


FIG. 4A



FIG. 4B

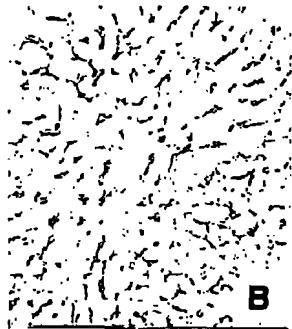


FIG. 4C



FIG. 4D



FIG. 4E

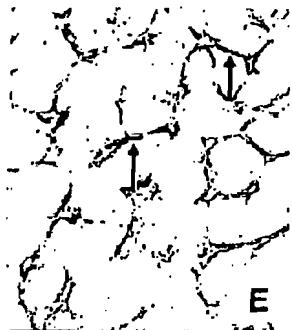


FIG. 4F



FIG. 4G

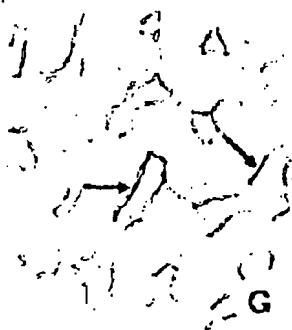


FIG. 4H



FIG. 4I

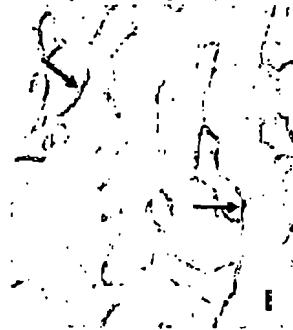


FIG. 5A

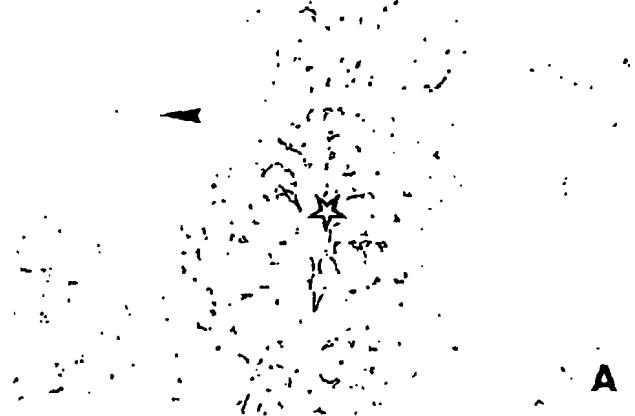


FIG. 5B

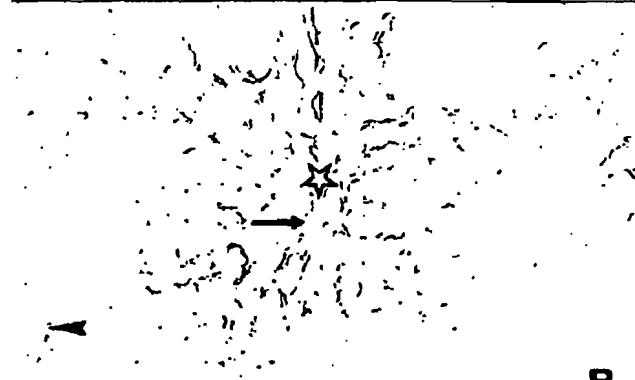


FIG. 5C



FIG. 6

Extinction at 450 nm

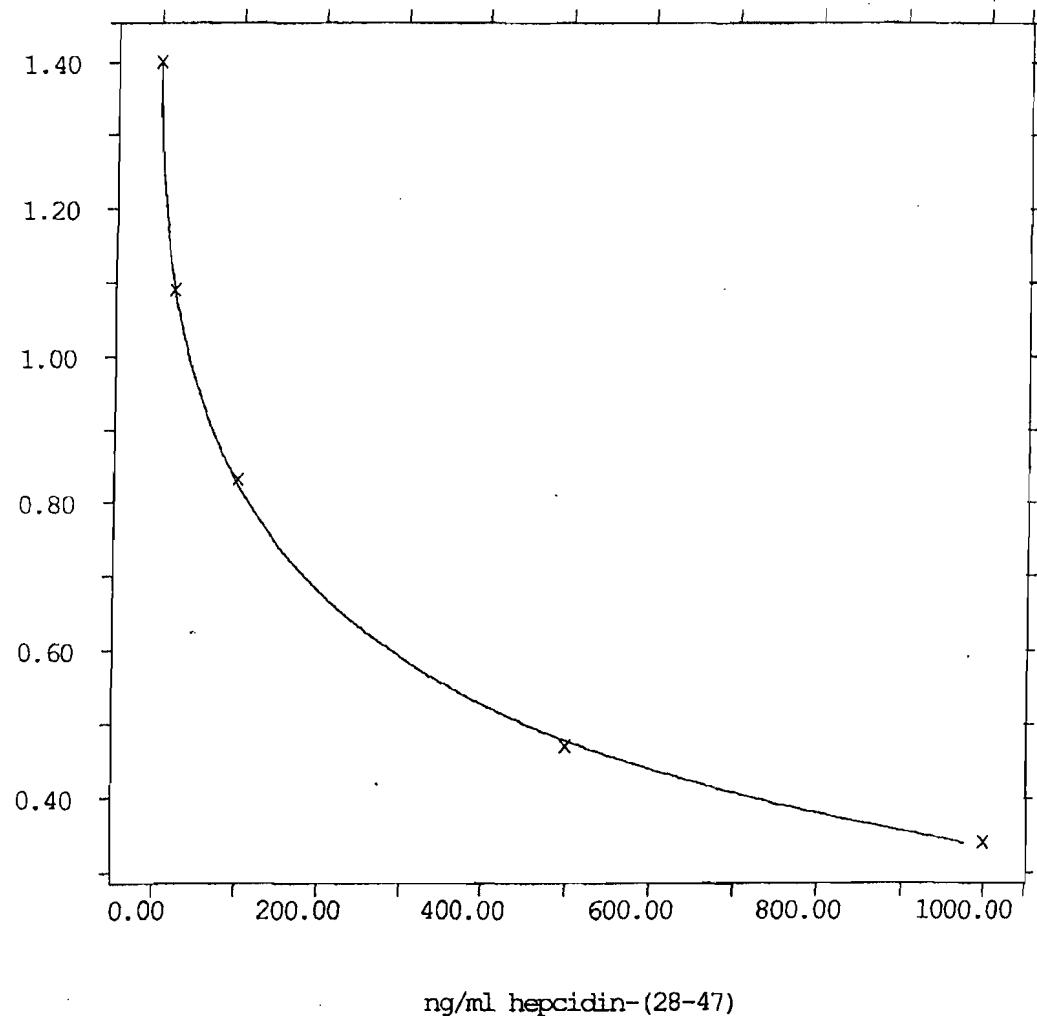


FIG. 7

Hepcidin Nucleotide Sequence:

```
1 tcaagaccca gcagtggac agccagacag acggcacat ggcactgagc
tcccagatct
       61 gggccgcttg cctcctgctc ctccctcctcc tcgcccgcct
gaccagtggc tctgtttcc
       121 cacaacagac gggacaactt gcagagctgc aaccccagga
cagagctgga gccagggcca
       181 gctggatgcc catgttccag aggcgaagga ggcgagacac
ccacttcccc atctgcattt
       241 tctgctgcgg ctgctgtcat cgatcaaagt gtgggatgtg
ctgcaagacg tagaacacctac
       301 ctgcccctgcc cccgtccccct cccttcctta tttattcctg
ctgccccaga acataggtct
       361 tggataaaaa tggctggttc ttttgttttc c
```

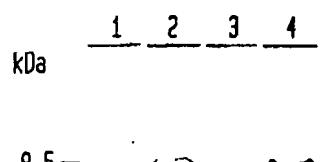
Hepcidin Amino Acid Sequence

```
1 malssqiwaa cl1lllllas ltsgsvfpqq tgqlaelqpq
dragaraswm pmfqrrrrd
       61 thfpicifcc gcchrskcgm cckt
```

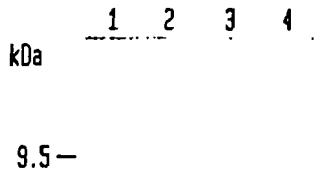
FIG. 8



A



B



C

FIG. 9

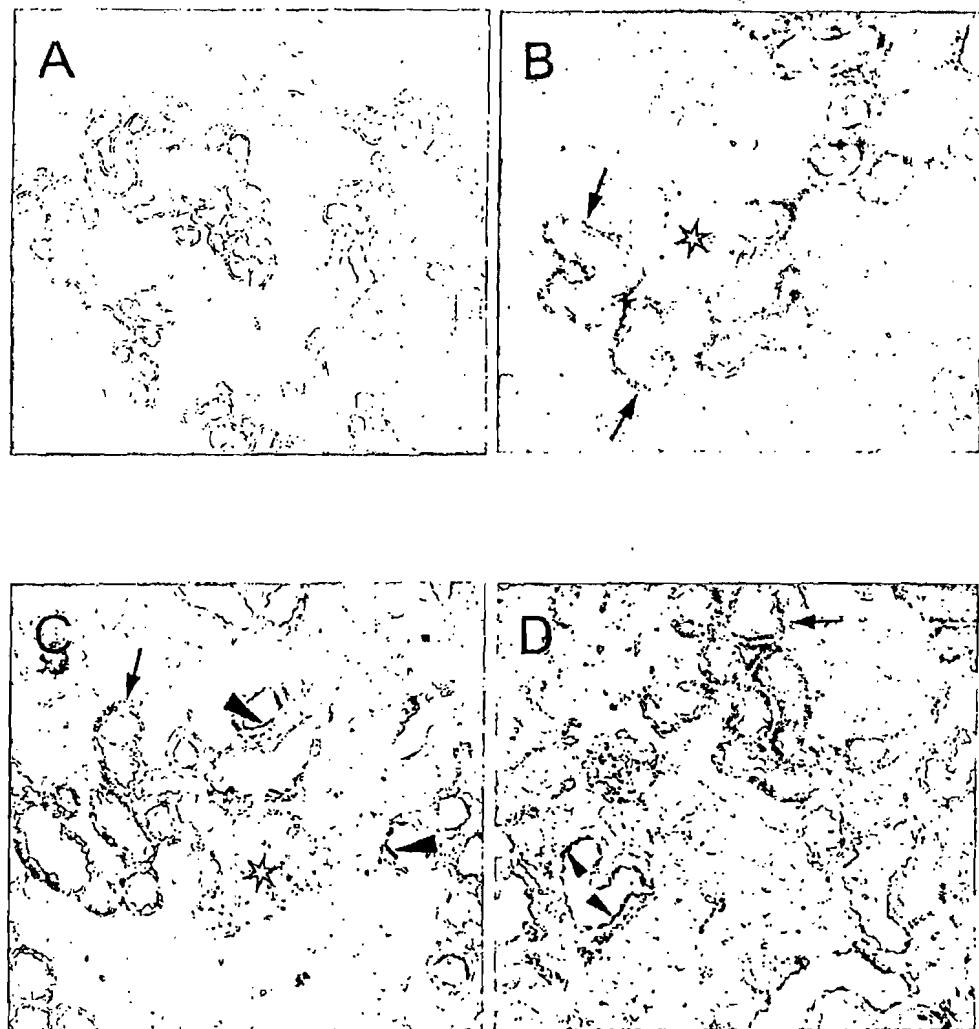


FIG. 10

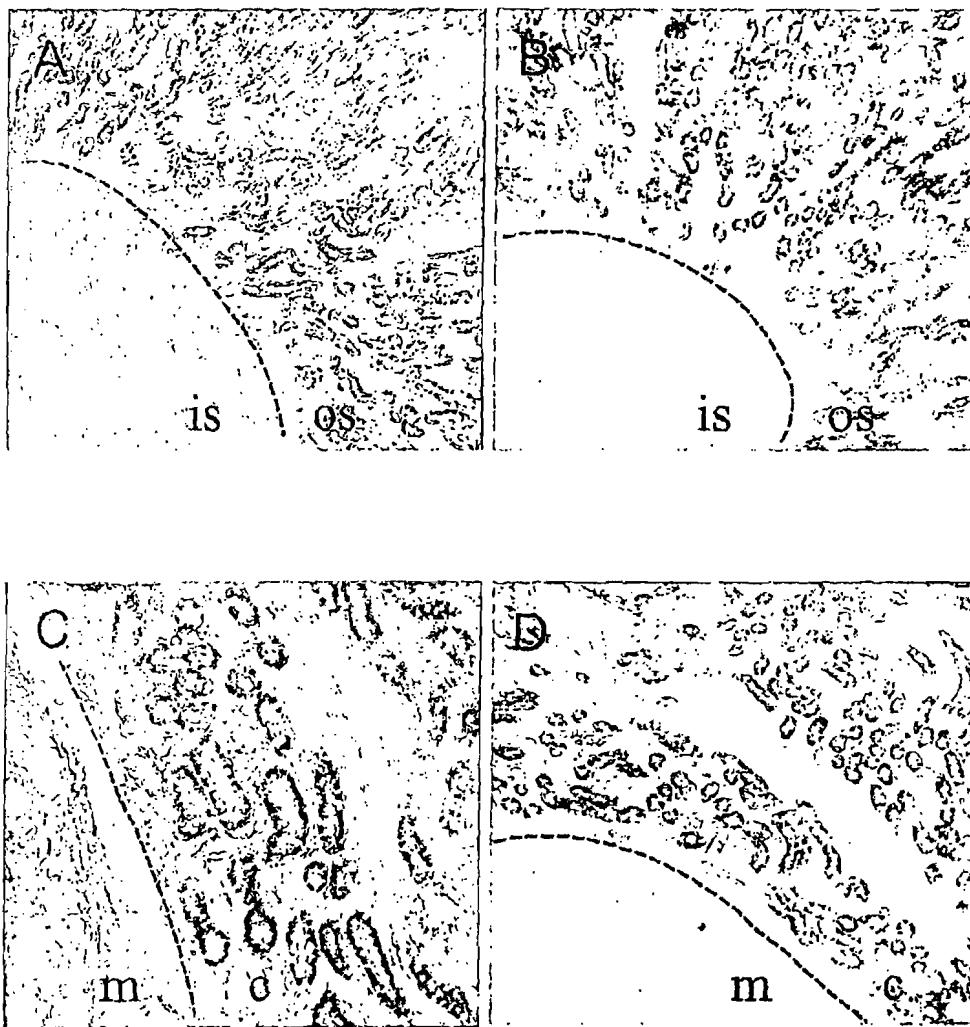


FIG. 11

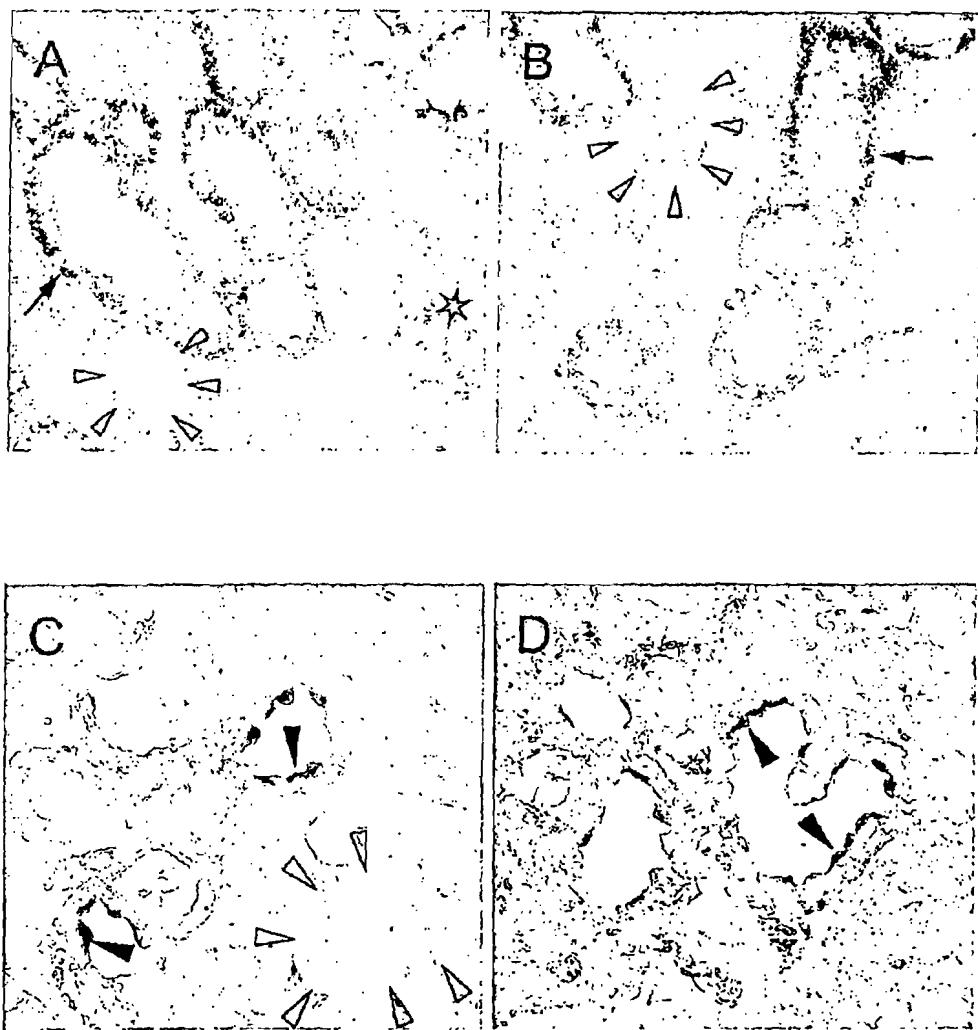


FIG. 12

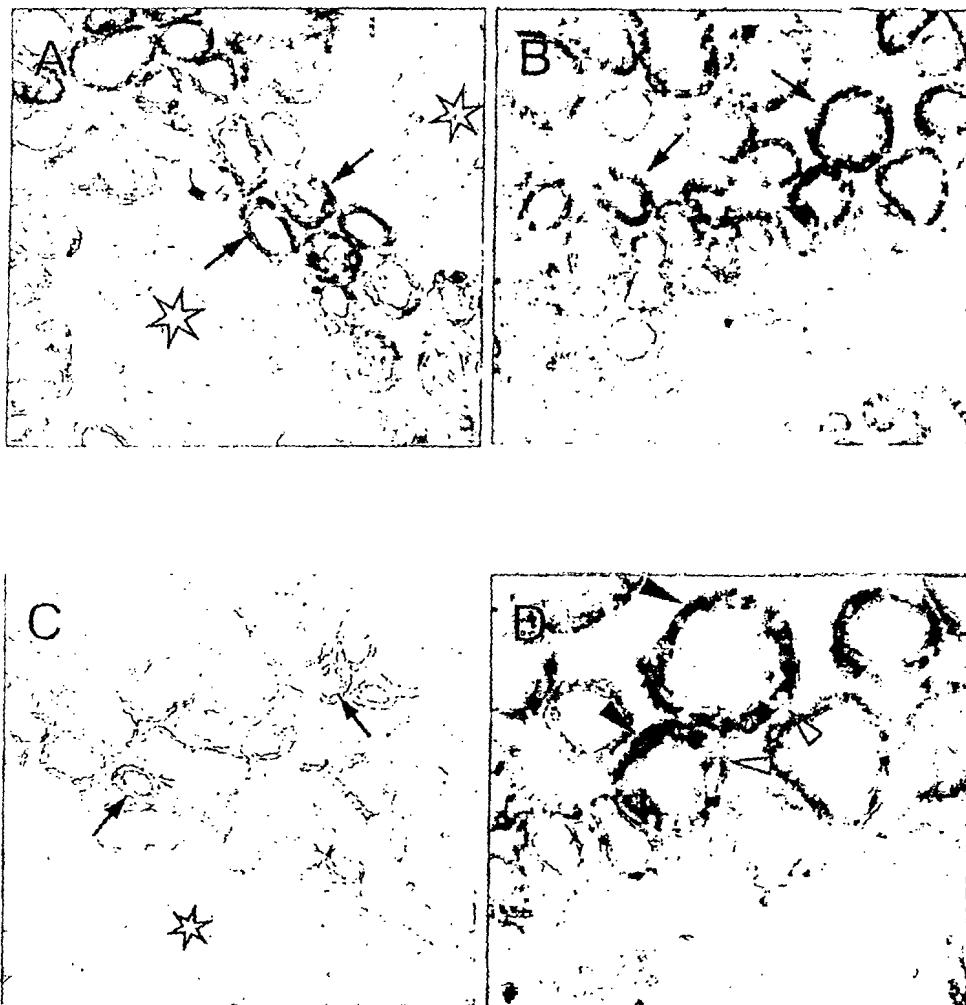


FIG. 13

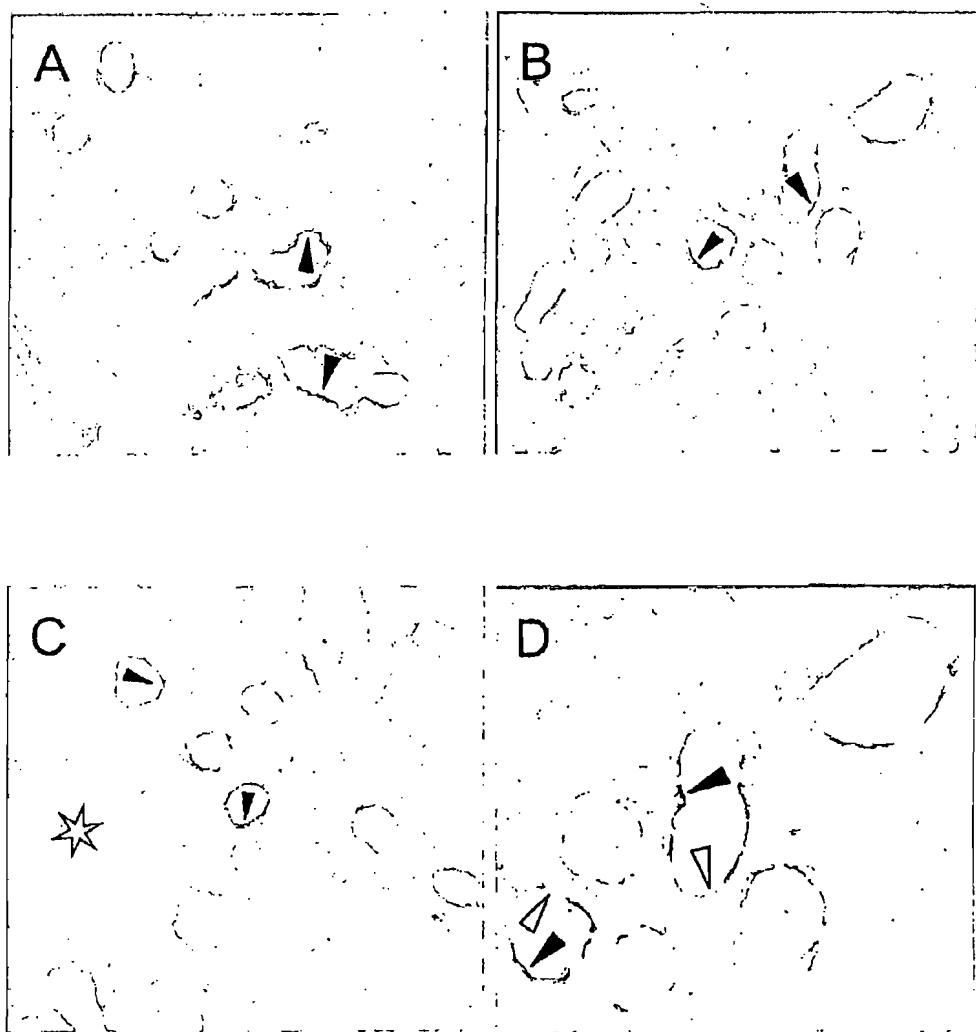


FIG. 14

